

**PATENT APPLICATION
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EXAMINER: Jerry Dennison

SUBJECT: MOBILE REMOTE PRINTING SYSTEM

APPELLANT'S/APPLICANT'S REPLY BRIEF

The following is a reply to the Examiner's Answer mailed April 10, 2007.

1. GROUNDS FOR REJECTION TO BE REVIEWED.

A. Claims 6, 11-13, 15, 16, and 21 were rejected under 35 U.S.C. §103 as being unpatentable over USPN 6,738,841 issued to Wolff.

B. Claims 8, 9, and 14 were rejected under 35 U.S.C. §103 as being unpatentable over USPN 6,738,841 issued to Wolff in view of US Pub. 2002/0085515 to Jaynes.

2. ARGUMENT.

A. Ground For Rejection A – Claims 6, 11-13, 15, 16, and 21 were rejected under 35 U.S.C. §103 as being unpatentable over USPN 6,738,841 issued to Wolff.

It is initially noted that the Examiner, answering the opening brief, has provided a new explanation of Wolff in support of the rejections. In past office actions, the Examiner equated Wolff's printer embedded server/driver (255) with the document retrieval system recited in the claims. See Final Office Action, pages 3-5. Now, the Examiner has changed position and, as addressed below, is equating Wolff's servers (220 and 230) with the recited document retrieval system. This Reply Brief provides the Applicant the first and only opportunity to address the Examiner's new line of reasoning.

Claim 11 is directed to a print system for use with an intranet where the intranet is configured to store information corresponding to documents available for printing. Claim 11 recites the following elements.

1. a document retrieval system communicatively coupled with the intranet, said document retrieval system being configured to receive document reference information corresponding to a document to be printed and printer information corresponding to a network printer that is coupled to the intranet via the Internet

- and, in response thereto, provide print information corresponding to the document to be printed to the network printer via the Internet such that the network printer prints the document; and
2. a remote print request system configured to communicatively couple with said document retrieval system, said remote print request system being further configured to retrieve printer information corresponding to the network printer, the printer information including a network address for the network printer, to receive document reference information corresponding to documents available for printing via the intranet, store the document reference information remotely from the intranet, enable selection by a user of a document to be printed, and provide the printer information and the document reference information corresponding to a document selected to be printed to said document retrieval system such that the document retrieval system communicates the information corresponding to the document to the network printer without further use of the remote print request system.

Wolff teaches a network that includes a client (210) servers (220 and 230) and a printer (250) that includes a print server (255). That print server (255) is also referred to as a printer driver (255). Wolff, col. 5, line 33 through col. 6, line 6. The printer driver/server (255) is built in or otherwise directly coupled to printer (250) as can be seen in Wolff Figure 2 reproduced below. *See also* Wolff, col. 9, lines 1-6.

With respect to the recited remote print request system, the Examiner states, at pages 6-7 of The Answer, that Wolf teaches the following.

[A] remote print request system (Fig. 2, client 210) configured to communicatively couple with said document retrieval system (Fig. 2, network 200 coupling client and server), said remote print request system being further configured to retrieve printer information corresponding to the network printer, the printer information including a network address for the network printer (Wolff, col. 6, lines 55-60, ***Wolff disclosed the client having the ability to communicate with the printer, which would require the client to contain the network address of the printer, otherwise, it would not be able to communicate with the printer***), to receive document reference

information corresponding to documents available for printing via the Intranet (Wolff, col. 6, lines 55-64, Wolff disclosed the user may specify that the printer server organize and print compound documents, by allowing the user to specify documents to be printed in a specific order, i.e. levels of linked documents), store the document reference information remotely from the Intranet (Wolff, col. 5, lines 65-67, **Wolff disclosed that the print server may be used as storage, therefore storing the documents for reference**), enable selection by a user of a document to be printed (Wolff, col. 6, lines 55-60, Wolff disclosed the user specifies the documents to be printed), and provide the printer information and the document reference information corresponding to a document selected to be printed to said document retrieval system such that the document retrieval system communicates the information corresponding to the document to the network printer without further use of the remote print request system (Wolff, col. 6, lines 64-67, **Wolff disclosed the client having the ability to communicate through server 220 or 230 to transmit document printing request, which, as explained above, would require the printer information to be communicated along with the request in order for the server to interpret the request**).

Examiner's Answer, pages 6-7 (emphasis added).

The Examiner is mistaken. To explain, each of the Examiner's statements, emphasized above, will be discussed below. First, the fact that Wolff's client (210) can communicate with the printer does not mean that the client (210) is capable of retrieving printer information that includes a printer's network address. Wolff mentions nothing of how the client becomes aware of an address for communicating printer (250). Based on Wolff's teachings, one can only presume that the network address of the printer (250) is provided to the client (210).

Next, Claim 11 recites that the remote print request system (not the printer) is configured to receive and store document reference information remotely from the intranet. That document reference information corresponds to documents available for printing. The fact that Wolff's print server can be used for storage is irrelevant. Wolff makes no mention or suggestion that the client (210) stores document reference information corresponding to documents available for printing.

Lastly, Wolff does NOT disclose that the client (210) has the ability to communicate through server 220 or 230 to transmit document printing request. Instead, Wolff, col. 6, lines 64-67 plainly states that the client (210) may transmit print requests directly to (not through) a server (220 or 230). As discussed above that server (220 or 230) then transmits the document, formatted or not, to the printer (250). Wolff mentions nothing of how the server (220 or 230) becomes aware of an address for communicating printer (250). Based on Wolff's teachings, one can only presume that the network address of the printer (250) is manually provided.

As such, Wolff fails to teach or suggest "a remote print request system configured to . . . retrieve printer information corresponding to the network printer, the printer information including a network address for the network printer, to . . . store the document reference information remotely from the intranet, . . . and provide the printer information . . . to said document retrieval system." For at least these reasons, the Examiner's rejection of Claim 11 is defective as the Examiner has failed to set forth a prima facie case for obviousness. Consequently, Claim 11 and Claims 12-16 which depend from Claim 11 are patentable over Wolff.

Claim 21 is directed to a method for remotely printing a document and, as amended, recites the following.

1. communicatively coupling a personal digital assistant (PDA) to an intranet, the intranet providing access to document reference information corresponding to documents available for printing;
2. storing the document reference information with the PDA;
3. retrieving printer information corresponding to a network printer using the PDA, the network printer being configured to communicatively coupled with the intranet via the Internet, wherein the printer information includes a network address for the network printer; and
4. communicating, from the PDA, the printer information and the document reference information corresponding to a document to be printed to a document retrieval

system located on the intranet such that, responsive thereto, information for printing the document is communicated to the network printer without further use of the PDA, the information for printing the document being communicated from the document retrieval system to the network printer via the intranet and the Internet with the document being printed at the network printer.

At page 7 of the Answer, the Examiner rejects Claim 21 for the same reasons the Examiner rejected Claim 11. Claim 21 recites a remote print request system in the form of a PDA. As explained above with respect to Claim 11, Wolff fails to teach or suggest a remote print request system that can retrieve printer information that includes a network address for a network printer. Wolff also fails to teach or suggest a remote print request system that can store document reference information with the PDA. Further Wolff fails to teach or suggest a remote print request system that can communicate the printer information to a document retrieval system.

For at least these reasons, Claim 21 is patentable over Wolff as are Claims 6, 8, and 9 which depend from Claim 21.

B. Ground For Rejection B – Claims 8, 9, and 14 were rejected under 35 U.S.C. §103 as being unpatentable over USPN 6,738,841 issued to Wolff in view of US Pub. 2002/0085515 to Jaynes

Claims 8 and 9 depend from Claim 21 and Claim 14 depends from Claim 11. For at least the same reasons Claims 21 and 11 are patentable so are Claims 8, 9, and 14.

In view of the foregoing remarks and amendments, Applicant respectfully submits that Claims 6, 8, 9, 11-16, and 21 define allowable subject matter. The Examiner is requested to indicate the allowability of all pending claims in the application and to pass the application to issue.

Respectfully submitted,
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APPENDIX OF CLAIMS INVOLVED IN THE APPEAL

1. - 5. (Canceled)

6. (Previously Presented) The method of claim 21, wherein the step of receiving printer information comprises the step of receiving IP address information corresponding to the network printer.

7. (Canceled)

8. (Previously Presented) The method of claim 21, further comprising the step of receiving an authorization code, and wherein the step of providing printer information comprises the step of providing the authorization code to the intranet such that the user may be identified as being authorized access to request printing of a document at the network printer.

9. (Original) The method of claim 8, wherein the step of receiving an authorization code comprises the step of storing the authorization code with the PDA.

10. (Canceled)

11. (previously presented) A print system for use with an intranet, the intranet being configured to store information corresponding to documents available for printing, said print system comprising:

a document retrieval system communicatively coupled with the intranet, said document retrieval system being configured to receive document reference information corresponding to a document to be printed and printer information corresponding to a network printer that is coupled to the intranet via the Internet and, in response thereto, provide print information corresponding to the document to be printed to the network printer via the Internet such that the network printer prints the document; and

a remote print request system configured to communicatively couple with said document retrieval system, said remote print request system being further configured to retrieve printer information corresponding to the network printer, the printer information including a network address for the network printer, to receive document reference information corresponding to documents available for printing via the intranet, store the document reference information remotely from the intranet, enable selection by a user of a document to be printed, and provide the printer information and the document reference information corresponding to a document selected to be printed to said document retrieval system such that the document retrieval system communicates the information corresponding to the document to the network printer without further use of the remote print request system.

12. (Previously presented) The print system of claim 11, wherein said remote print request system is configured to communicatively couple with a network printer such that said remote print request system is able to receive the printer information corresponding to the network printer and provide said document retrieval system with the printer information.

13. (Original) The print system of claim 11, wherein said remote print request system is implemented in a personal digital assistant.

14. (Original) The print system of claim 11, wherein said document retrieval system is configured to provide said remote print request system with an authorization code, said remote print request system being configured to provide said authorization code to said document retrieval system when providing information to said document retrieval system for facilitating printing of a document at the network printer.

15. (Original) The print system of claim 11, wherein said remote print request system comprises means for communicatively coupling with a network printer such that said remote print request system is able to receive printer information corresponding to the network printer.

16. (Original) The print system of claim 11, wherein said document retrieval system comprises means for retrieving print information corresponding to a document to be printed in response to receiving document reference information from said remote print request system.

17. - 20. (Canceled)

21. (previously presented) A method for remotely printing a document, said method comprising:

- communicatively coupling a personal digital assistant (PDA) to an intranet, the intranet providing access to document reference information corresponding to documents available for printing;

- storing the document reference information with the PDA;

- retrieving printer information corresponding to a network printer using the PDA, the network printer being configured to communicatively coupled with the intranet via the Internet, wherein the printer information includes a network address for the network printer; and

- communicating, from the PDA, the printer information and the document reference information corresponding to a document to be printed to a document retrieval system located on the intranet such that, responsive thereto, information for printing the document is communicated to the network printer without further use of the PDA, the information for printing the document being communicated from the document retrieval system to the network printer via the intranet and the Internet with the document being printed at the network printer.